



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 :

C12N 9/00

A2

(11) International Publication Number:

WO 99/66029

(43) International Publication Date: 23 December 1999 (23.12.99)

(21) International Application Number: PCT/GB99/01857

(22) International Filing Date: 11 June 1999 (11.06.99)

(30) Priority Data:

9812821.8	12 June 1998 (12.06.98)	GB
9815404.0	15 July 1998 (15.07.98)	GB

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(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published

Without international search report and to be republished upon receipt of that report.

(54) Title: ENZYME

(57) Abstract

A nucleic acid sequence is provided which encodes a gibberellin 2-oxidase gene which catalyses the 2 β -oxidation of a gibberellin molecule to introduce a hydroxyl group at C-2 and further catalyses the oxidation of the hydroxyl group introduced at C-2 to yield the ketone derivative. Such sequences can find application in the preparation of transgenic plants with altered levels of gibberellin 2-oxidase.